

# Enable.

## S/MIME for BlackBerry Enterprise Solution

### S/MIME Support Package v4.0

The S/MIME Support Package augments the existing security features offered by the BlackBerry® Enterprise Solution. It provides organizations with an additional layer of extended security features that enable end-to-end encryption for BlackBerry devices. This straightforward upgrade allows government organizations to wirelessly extend their email infrastructure while maintaining sender-to-recipient encryption.\*

#### Wirelessly Extends Existing Email and Public Key Infrastructure

- Extend Microsoft® Outlook™ functionality to include certificates
- Access certificates on BlackBerry devices just like on a desktop computer

#### Supports Industry Standards

- Works with popular Public Key Infrastructures (PKIs) including Entrust® PKI versions 5 and 6, VeriSign®, Netscape® and the DoD Class 3 PKI
- Supports PKIs that generate certificates with exportable private keys, such as CoreStreet®, Diversinet™, Entrust and Tumbleweed®

#### Provides Enhanced Certificate Access

- Automatically retrieves digital certificates and certificate status, helping to reduce processing time for certificate requests
- Enables certificate retrieval from Microsoft Windows® certificate stores, Lightweight Directory Access Protocol (LDAP) servers, secure LAN connections or Common Access Card (CAC) SmartCards

The BlackBerry Enterprise Solution™ is a complete wireless connectivity solution for providing mobile access to:\*\*

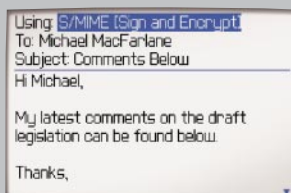
- Email
- Government applications
- Phone
- Internet and Intranet
- SMS
- Organizer
- And more

The BlackBerry Enterprise Solution meets the strict authenticity, confidentiality and integrity requirements of the public sector:

- FIPS 140-2 security validation
- AES encryption
- Triple DES encryption\*\*\*

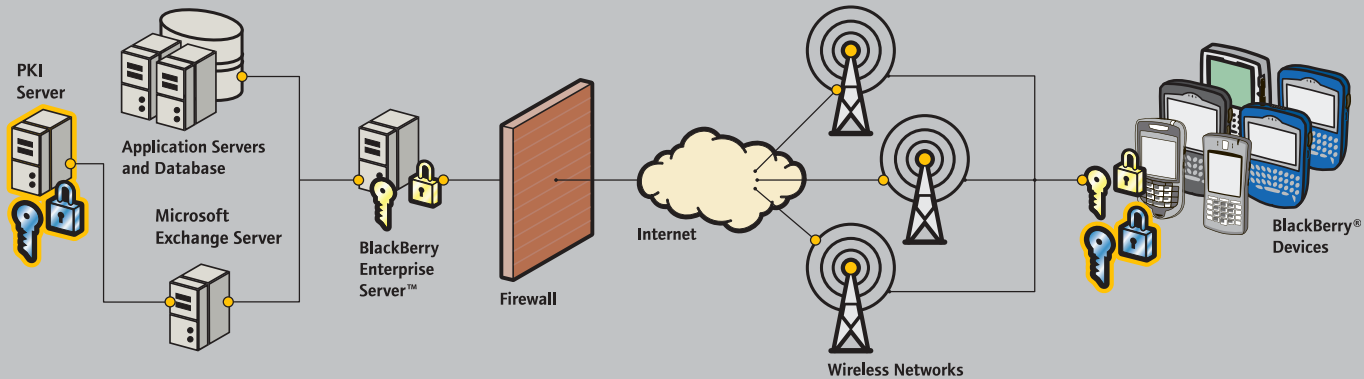
### Easy-to-Use Interface and Design

S/MIME Support Package v4.0 seamlessly integrates with Microsoft Outlook and the existing email infrastructure, allowing users to quickly and conveniently read, sign and encrypt S/MIME messages while on the go. The intuitive user interface features color coded icons and lines that quickly display security characteristics to users at-a-glance.



# BlackBerry Enterprise Solution Architecture with the S/MIME Support Package

The BlackBerry Enterprise Solution is a fully integrated solution that provides what government organizations require to go wireless: innovative server software, advanced wireless devices, wireless network service<sup>†</sup> and essential support programs and services.



## What's New in S/MIME Support Package v4.0

When used with BlackBerry Enterprise Server v4.0, S/MIME Support Package v4.0 provides:

- Built-in Entrust Entelligence™ Messaging Server support
- Server verification of signatures for long messages
- Server-side encryption of S/MIME messages sent to devices
- Automatic retrieval of digital certificates and certificate status

## Other Features

- Improved user interface
- Attachment viewing support for signed messages
- Extended IT policy support
- Enhanced Certificate Revocation List (CRL) support
- Automated certificate status checking
- Wireless access to LDAP, OCSP and CRL
- DoD Common Access Cards\*\* support

## System Requirements:

- Microsoft Exchange environment
- Operating S/MIME and PKI systems with exportable private keys
- BlackBerry device software v4.0
- BlackBerry Enterprise Server v4.0 for Microsoft Exchange
- Java-enabled BlackBerry devices with at least 16MB of memory

## For More Information

Obtain additional information on the S/MIME Support Package for BlackBerry Enterprise Solution:

**Web:** [www.blackberry.com/gov](http://www.blackberry.com/gov)

**Email:** [government@blackberry.net](mailto:government@blackberry.net)



\*S/MIME Support Package available for Microsoft Exchange environments only. \*\*Check with service provider for availability, roaming arrangements, service plans and features and availability on BlackBerry Connect and BlackBerry Built-In devices. Certain features outlined in this document require a minimum version of BlackBerry Enterprise Server Software, BlackBerry Desktop Software, and/or BlackBerry device software and may require additional development or third party products and/or services for access to corporate applications. Prior to subscribing to or implementing any third party products and services, it is your responsibility to ensure that the airtime service provider you are working with has agreed to support all of the features of the third party products and services. Installation and use of third party products and services with RIM's products and services may require one or more patent, trademark or copyright licenses in order to avoid infringement of the intellectual property rights of others. You are solely responsible for determining whether such third party licenses are required and are responsible for acquiring any such licenses. To the extent that such intellectual property licenses may be required, RIM expressly recommends that you do not install or use these products and services until all such applicable licenses have been acquired by you or on your behalf. Your use of third party software shall be governed by and subject to you agreeing to the terms of separate software licenses, if any, for those products or services. Any third party products or services that are provided with RIM's products and services are provided "as is". RIM makes no representation, warranty or guarantee whatsoever in relation to the third party products or services and RIM assumes no liability whatsoever in relation to the third party products and services even if RIM has been advised of the possibility of such damages or can anticipate such damages. \*\*\*Available for BlackBerry Enterprise Server for Microsoft Exchange and BlackBerry Enterprise Server for IBM Lotus Domino only. †Check with airtime service provider for airtime wireless service, availability, roaming arrangements, service plans and features.

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